

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A broadcast enhancement system compatible with a television and a set-top-box that has a receiver for receiving a television broadcast signal, without any adaptation required to the set-top-box or the television, said system comprising a mixer having a receiver for receiving a transmission of an enhancement signal, the two receivers being arranged separately from each other, at least one of the two signals being prepared for chroma keying, the mixer being configured to intercept the received television broadcast signal from the set-top-box before it is passed to the television, to apply chroma keying to superimpose the enhancement signal onto the intercepted television broadcast signal and to pass the superimposed signal to the television.

2. (Original) A system according to claim 1, including a processor for formatting data received in the enhancement signal prior to applying chroma keying to superimpose it onto the

television broadcast signal.

3. (Original) A system according to claim 1, in which the enhancement signal comprises a World Wide Web page.

4. (Original) A system according to claim 1 in which the enhancement signal is multiplexed with the television broadcast signal prior to transmission, wherein the system includes a demultiplexer for extracting the enhancement signal from the received television broadcast signal.

5. (Original) A system according to claim 1, in which the enhancement signal is received as teletext.

6. (Original) A system according to claim 1, in which the enhancement signal is received via the internet.

7. (Canceled)

8. (Canceled)

9. (Currently amended) A method of enhancing a television

broadcast comprising the steps of:

preparing a plurality of broadcast signals, at least one of which being prepared for chroma keying;

transmitting the plurality of broadcast signals to a corresponding receiver, at least one of the corresponding receivers being in a set-top-box;

providing said received signals to a mixing unit that is separate from the set-top-box;

~~processing one of said received broadcast signals according to instructions in the broadcast signal to prepare the signal for chroma keying;~~

applying, in a the mixing unit, chroma keying to the received signals to create a superimposed signal for display as an enhanced television broadcast.

10-14. (Canceled)

15. (Currently amended) A mixer for use in a broadcast enhancement system that is compatible with a television and set-top-box that has a receiver for receiving a television broadcast signal, without any adaptation required to the set-top-box or the television, said mixer being connected to a receiver for receiving

an enhancement signal, the two receivers being arranged separately from each other, at least one of the two signals being prepared for chroma keying, the mixer further configured to intercept the received television broadcast signal from the set-top-box before it is passed to the television, to apply chroma keying to superimpose the enhancement signal onto the intercepted television broadcast signal and to pass the superimposed signal to the television.

16. (Cancelled).

17. (Currently amended) A mixer for enhancing a television image comprising:

means for receiving a broadcast television signal; and

means for receiving an enhancement signal, at least one of the two signals being prepared for chroma keying, wherein said mixer is configured to apply chroma keying to superimpose the enhancement signal onto the received television broadcast signal and to pass the superimposed signal to a television set, wherein the broadcast television signal is input to said mixer from a set-top box.

18. (Canceled)

19. (Canceled)

20. (Previously presented) The mixer of claim 17, wherein the enhancement signal is received via the Internet.

21. (Previously presented) The mixer according to claim 17, wherein the enhancement signal is received via a wireless transmission.

22. (New) The method of enhancing a television broadcast of claim 9, wherein one of the plurality of broadcast signals is received via the Internet.

23. (New) The method of enhancing a television broadcast of claim 9, wherein one of the plurality of broadcast signals is received via a wireless transmission.

24. (New) The mixer of claim 15, wherein one of the two signals is received via the Internet.

25. (New) The mixer of claim 9, wherein one of the two signals is received via a wireless transmission.